

## § 460.6

## 16 CFR Ch. I (1–12 Edition)

“Standard Test Method for the Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus,” which is incorporated by reference in paragraph (a) of this section. If you do this, you must follow the rules in paragraph (a) of this section on temperature, aging and settled density.

(2) You can add up the tested R-value of the material and the R-value of the air space. To get the R-value for the air space, you must follow the rules in paragraph (b) of this section.

(e) The standards listed above are incorporated by reference into this section. These incorporations by reference were approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be inspected at the Federal Trade Commission, Consumer Response Center, Room 130, 600 Pennsylvania Avenue, NW., Washington, DC 20580, or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). Copies of materials and standards incorporated by reference may be obtained from the issuing organizations listed in this section.

(1) The American Society of Testing and Materials, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

(i) ASTM C 177-04, “Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus.”

(ii) ASTM C 518-04, “Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.”

(iii) ASTM C 739-03, “Standard Specification for Cellulosic Fiber Loose-Fill Thermal Insulation.”

(iv) ASTM C 1045-01, “Standard Practice for Calculating Thermal Transmission Properties from Steady-State Conditions.”

(v) ASTM C 1114-00, “Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Thin-Heater Apparatus.”

(vi) ASTM C 1149-02, “Standard Specification for Self-Supported Spray Applied Cellulosic Thermal Insulation.”

(vii) ASTM C 1224-03, “Standard Specification for Reflective Insulation for Building Applications.”

(viii) ASTM C 1363-97, “Standard Test Method for the Thermal Performance of Building Assemblies by Means of a Hot Box Apparatus.”

(ix) ASTM C 1371-04a, “Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers.”

(x) ASTM C 1374-03, “Standard Test Method for Determination of Installed Thickness of Pneumatically Applied Loose-Fill Building Insulation.”

(xi) ASTM E 408-71 (Reapproved 2002), “Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques.”

(2) U.S. General Services Administration (GSA), 1800 F Street, NW., Washington, DC 20405.

(i) GSA Specification HH-I-530A, Federal Specification, Insulation Board, Thermal (Urethane), November 22, 1971.

(ii) [Reserved]

[70 FR 31274, May 31, 2005]

### § 460.6 “Representative thickness” testing.

All tests except aluminum foil tests must be done at a representative thickness for every thickness shown in a label, fact sheet, ad, or other promotional material. “Representative thickness” means a thickness at which the R-value per unit will vary no more than plus or minus 2% with increases in thickness. However, if the thickness shown in your label, fact sheet, ad, or promotional material is less than the representative thickness, then you can test the insulation at the thickness shown.

### § 460.7 Which test version to use.

Use the version of the ASTM test method that was in effect when this regulation was promulgated. If ASTM changes a test method, the new version will automatically replace the old one in these rules 90 days after ASTM first publishes the change. However, the Commission’s staff or a person affected